



INFORMATION DISCLOSURE CITATION

JAN 24 2005

(Use several sheets if necessary)

ATTY DOCKET NO.

41PT-124392 (GEN-0178-P)

APPLICATION NO.

10/709,531

APPLICANT(S)

Jason Harmon, et al.

FILING DATE

May 12, 2004

GROUP ART UNIT

2832

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
LD	2,340,682	02/1944	Powell	200	147	
	2,719,203	09/1955	Gelzheiser, et al.	200	144	
	2,937,254	05/1960	Ericson	200	114	
	3,158,717	11/1964	Jencks, et al.	200	116	
LD	3,162,739	12/1964	Klein, et al.	200	88	

U.S. PATENT APPLICATION PUBLICATIONS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
LD	BE 819 008 A	12/1974	Belgium	H01H	083/14		
I	DE 1 227 978	11/1966	German	21C	40/52		✓
I	DE 30 47 360	06/1982	German	H01H	85/20		✓
LD	DE 38 02 184 A1	08/1989	German	H01H	3746		✓

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

DONOVAN

DATE CONSIDERED

03-08-05

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INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>				ATTY DOCKET NO. 41PT-124392 (GEN-0178-P)		APPLICATION NO. 10/709,531	
				Jason Harmon, et al.			
				FILING May 12, 2004		GROUP ART 2832	

U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
LD	3,197,582	07/1965	Norden	200	50		
I	3,307,002	02/1967	Cooper	200	116		
I	3,517,356	06/1970	Hanafusa	335	16		
I	3,803,455	04/1974	Willard	317	33 SC		
LD	3,883,781	05/175	Cotton	317	14R		

U.S. PATENT APPLICATION PUBLICATIONS							
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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
LD		DE 38 43 277 A1	06/1990	German	H02H	3/08		✓
I		DE 44 19 240 A1	01/1995	German	H01H	9/10		✓
I		EP 0 061 092 A1	09/1982	European	G03G	5/14		✓
I		EP 0 064 906 B1	9/1984	European	H01H	71/74		✓
LD		EP 0 066 486 B1	10/1985	European	H01H	71/52		✓

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LD	4,129,762	12/1978	Bruchet	200	153 G	
↓	4,144,513	03/1979	Shafer, et al.	335	46	
↓	4,158,119	06/1979	Krakik	200	240	
↓	4,165,453	08/1979	Hennemann	200	153 G	
↓	4,166,988	09/1979	Clarcia, et al.	335	9	

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						YES	NO
LD	0 046 719 B1	04/1983	European	H01H	71/74		✓
↓	0 117 094 A1	08/1984	European	H01H	71/10	✓	
↓	0 140 761 A2	05/1985	European	H01H	71/52		✓
↓	0 196 241 A1	10/1986	European	H01H	71/00		✓
LD	0 224 396	06/1987	European	H01H	71/52		✓

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LD	4,220,934	09/1980	Wafer, et al.	335	16		
	4,255,732	03/1981	Wafer, et al.	335	16		
	4,259,651	03/1981	Yamat	335	16		
	4,263,492	04/1981	Maier, et al.	200	288		
D	4,276,527	06/1981	Gerbert-Gaillard, et al.	365	39		

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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
LD		0 235 479 A1	09/1987	European	H02H	3/04		✓
		0 239 460 A1	09/1987	European	H01H	33/24		✓
		0 258 090 A1	03/1988	European	H02H	7/22		✓
		0 264 313 A1	04/1988	European	H01H	83/04		✓
D		0 264 314 A1	04/1988	European	H01H	83/00		✓

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LD	4,297,663	10/1981	Seymour, et al.	335	28	
	4,301,342	11/1981	Castonguay, et al.	200	153SC	
	4,360,852	11/1982	Gilmore	361	98	
	4,368,444	01/1983	Preuss, et al.	335	166	
↓	4,375,021	02/1983	Pardini, et al.	200	147 B	

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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
LD	0 283 189 A2	09/1988	European	H02B	13/02	✓	
	0 283 358 A1	09/1988	European	H02H	3/10		✓
	0 291 374 A1	11/1988	European	H01H	83/20		✓
	0 295 155 A1	12/1988	European	H01H	83/20		✓
LD	0 295 158 A1	12/1988	European	H01H	71/52		✓

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Lh	4,375,022	02/1983	Daussln, et al.	200	148 R		
	4,376,270	03/1983	Staffem	335	21		
	4,383,146	05/1983	Bur	200	17 R		
	4,392,036	07/1983	Troebl, et al.	200	322		
	4,393,283	07/1983	Masuda	200	5T.09		

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LD	4,401,872	08/1983	Boichot-Castagne, et al.	280	153 G	
	4,409,573	10/1983	DiMarco, et al.	335	16	
	4,435,690	03/1984	Link, et al.	335	37	
	4,467,297	08/1984	Boichot-Castagne, et al.	335	8	
D	4,468,645	08/1984	Gerbert-Gaillard, et al.	335	42	

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						YES	NO
LD	0 309 923 A2	04/1989	European	H01H	71/68	✓	
	0 313 106 A2	04/1989	European	H02B	13/02	✓	
	0 313 422 A1	04/1989	European	H02H	1/00		✓
	0 314 540 A1	05/1989	European	H01H	1/20		✓
D	0 331 586 A1	09/1989	European	H01H	83/20		✓

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*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
LD		4,470,027	09/1984	Link, et al.	335	16		
		4,479,143	10/1984	Watanabe, et al.	358	44		
		4,488,133	12/1984	McClellan, et al.	335	16		
		4,492,941	01/1985	Nagel	335	13		
		4,541,032	09/1985	Schwab	361	331		
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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
LD		0 337 900 A1	10/1989	European	H01H	71/32		✓
		0 342 133 A1	11/1989	European	H01H	71/50		✓
		0 367 690 A1	05/1990	European	H02H	3/04		✓
		0 371 887 A1	06/1990	European	H01H	71/10		✓
		0 375 568 A1	06/1990	European	H01H	71/03		✓
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*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
LD	4,546,224	10/1985	Mostosi	288	153 G		
	4,550,360	10/1985	Dougherty	361	93		
	4,562,419	12/1985	Preuss, et al.	335	195		
	4,589,052	05/186	Dougherty	361	94		
D	4,595,812	06/186	Tamaru, et al.	280	387		

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						YES	NO	
LD	0 394 144 A1	10/1990	European	H01H	71/46		✓	
	0 394 922 A1	10/1990	European	H01H	1/20	✓		
	0 407 310 A1	01/1991	European	H02H	3/347		✓	
	0 452 230 A1	10/1991	European	H01H	71/50		✓	
D	0 555 158 B1	08/1993	European	H01H	71/52		✓	

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LD ↓ ↓ ↓ ↓	4,611,187	09/1986	Banfi	385	16		
	4,612,430	09/1986	Sloan, et al.	200	327		
	4,616,198	10/1986	Pardini	335	16		
	4,622,444	11/1986	Kandatsu, et al.	200	303		
	4,631,625	12/1986	Alexander, et al.	364	94		

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							YES	NO
LD ↓ ↓ ↓ ↓		0 567 416 B1	10/1993	European	H01H	9/26		✓
		0 595 730 A1	05/1994	European	H01H	71/08		✓
		0 619 591 A1	10/1994	European	H01H	71/40		✓
		0 665 569 A1	08/1995	European	H01H	83/22		✓
		0 700 140 A1	03/1996	European	H02H	3/33	✓	

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Lh	4,642,431	02/1987	Tedesco, et al.	200	153.0	
↓	4,644,438	02/1987	Puccinelli, et al.	361	75	
↓	4,649,247	03/1987	Preuss, et al.	200	244	
↓	4,658,322	04/1987	Rivera	361	37	
↓	4,672,501	06/1987	Bilac, et al.	361	96	

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							YES	NO
Lh		2 410 353	06/1979	French	H01H	51/24		✓
↓		2 512 582	03/1983	French	H01H	9/20		✓
↓		0 553 943	04/1985	French	H02H	3/33		✓
↓		2 592 998	07/1989	French	H02H	3/10		✓
↓		2 697 670	05/1994	French	H01H	51/29		✓

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LP ↓ ↓ ↓ ↓	4,675,481	06/1987	Markowski, et al.	280	144 R	
	4,682,264	07/1987	Demeyer	361	96	
	4,689,712	08/1987	Demeyer	361	96	
	4,694,373	09/1987	Demeyer	361	96	
	4,710,845	12/1987	Demeyer	361	96	

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LD ↓ ↓ ↓	2 699 324	06/1994	French	H01H	71/10		✓
	2 714 771	07/1995	French	H02H	7/045		✓
	SU 1 227 978	04/1986	Russia	G01N	3/30		✓
	WO 49/00901	01/1994	WIPO	H02H	5/04	✓	

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LD	4,717,985	01/1988	Demeyer	361	96		
	4,733,211	03/1988	Castonguay, et al.	335	192		
	4,733,321	03/1988	Lindeperg	361	96		
	4,764,650	08/1988	Bur, et al.	200	153 G		
	4,768,007	08/1988	Mertz, et al.	335	202		

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							YES	NO
LD		WO 92/05649	01/1991	WIPO	H04M	1/00	✓	
LD		WO 92/00598	01/1992	WIPO	H01H	1/50	✓	
LD		2 233 155	01/1991	Great Britain	H01H	77/10	✓	

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LD	4,780,786	10/1988	Weynachter, et al.	361	87		
	4,831,221	05/1989	Yu, et al.	200	553		
	4,870,531	09/1989	Danek	361	93		
	4,884,047	11/1989	Baginski, et al.	335	10		
	4,884,164	11/1989	Dziura, et al.	361	97		

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LN	4,900,882	02/1990	Bernard, et al.	200	147 R		
	4,910,485	03/190	Bolongeat-Mobleu, et al.	335	195		
	4,914,541	04/1990	Tripodi, et al.	361	94		
	4,916,420	04/1990	Bartolo, et al.	335	172		
D	4,916,421	04/1990	Pardini, et al.	335	185		

U.S. PATENT APPLICATION PUBLICATIONS							
*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	

FOREIGN PATENT DOCUMENTS								
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			

EXAMINER <div style="font-size: 1.2em; font-family: cursive;">DONOVAN</div>	DATE CONSIDERED <div style="font-size: 1.2em; font-family: cursive;">03-08-05</div>
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INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>				ATTY DOCKET NO. 41PT-124392 (GEN-0178-P)		APPLICATION NO. 10/709,531	
				Jason Harmon, et al.			
				FILING May 12, 2004		GROUP ART 2832	

U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
LD	4,926,282	05/1990	McGhie	361	102		
	4,937,706	06/1990	Schueler, et al.	361	396		
	4,939,492	07/1990	Raso, et al.	335	42		
	4,943,888	07/1990	Jacob, et al.	361	06		
	4,951,019	08/1990	Gula	335	166		

U.S. PATENT APPLICATION PUBLICATIONS							
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				APPLICANT(S)				
				Jason Harmon, et al.				
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May 12, 2004				2832				
U.S. PATENT DOCUMENTS								
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
LH		4,952,897	08/1990	Barnel, et al.	335	147		
		4,958,135	09/1990	Baginski, et al.	335	8		
		4,965,543	10/1990	Batteux	335	174		
		4,983,788	01/1991	Pardini	200	16 R		
		5,001,313	03/1991	Leclercq, et al.	290	148 B		
U.S. PATENT APPLICATION PUBLICATIONS								
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
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	Jason Harmon, et al.	
	FILING May 12, 2004	GROUP ART 2832

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
LJ	5,004,878	04/1991	Seymour, et al.	200	144 R	
	5,029,301	07/1991	Nebon, et al.	335	16	
	5,281,776	01/1994	Morel, et al.	200	144 R	
	5,296,660	03/1994	Morel, et al.	200	146 R	
D	5,296,664	03/1994	Crookston, et al.	200	401	

U.S. PATENT APPLICATION PUBLICATIONS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

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U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
L	5,300,907	04/1994	Nereau, et al.	335	172		
↓	5,310,971	05/1994	Vial, et al.	200	244		
↓	5,313,180	05/1994	Vial, et al.	335	16		
↓	5,317,471	05/1994	Izoard, et al.	361	105		
↓	5,331,500	07/1994	Corcoles, et al.	361	93		

U.S. PATENT APPLICATION PUBLICATIONS							
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U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
LD	5,334,808	08/1994	Bur, et al.	200	50 AA		
	5,341,191	08/1994	Crookston, et al.	335	16		
	5,347,096	09/1994	Bolongeat-Mobieu, et al.	200	148 B		
	5,347,097	09/1994	Bolongeat-Mobieu, et al.	200	148 B		
	5,350,892	09/1994	Rozier	200	148 B		

U.S. PATENT APPLICATION PUBLICATIONS							
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U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
LD	5,357,066	10/1994	Morel, et al.	200	177 R		
	5,357,068	10/1994	Rozier	200	148 R		
	5,357,394	10/1994	Piney	361	72		
	5,361,052	11/1994	Ferullo, et al.	335	172		
↓	5,379,013	01/1995	Coudert	335	17		

U.S. PATENT APPLICATION PUBLICATIONS							
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				APPLICANT(S) Jason Harmon, et al.				
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U.S. PATENT DOCUMENTS								
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
Ln		5,424,701	06/1995	Castonguay, et al.	335	172		
		5,438,176	08/1995	Bonnardel, et al.	200	400		
		5,440,088	08/1995	Coudert, et al.	200	303		
		5,449,871	09/1995	Batteux, et al.	200	401		
		5,450,048	09/1995	Leger, et al.	335	132		
U.S. PATENT APPLICATION PUBLICATIONS								
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
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U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
LJ	5,451,729	06/1995	Onderka, et al.	288	18		
	5,457,295	10/1995	Tanibe, et al.	200	293		
	5,467,069	11/1995	Payet-Burin, et al.	335	42		
	5,469,121	11/1995	Payet-Burin	335	16		
d	5,475,558	12/1995	Barjonnet, et al.	361	64		

U.S. PATENT APPLICATION PUBLICATIONS							
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U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
LD	5,477,016	12/1995	Baginski, et al.	280	43.11	
	5,479,143	12/1995	Payet-Burin	335	202	
	5,483,212	01/1996	Lankuttis, et al.	335	132	
	5,485,343	01/1996	Santos, et al.	361	115	
D	5,493,083	02/1996	Olivier	200	17 R	

U.S. PATENT APPLICATION PUBLICATIONS

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FOREIGN PATENT DOCUMENTS

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							YES	NO

OTHER DOCUMENTS *(Including Author, Title, Date, Pertinent Pages, Etc.)*

EXAMINER DOWDAN	DATE CONSIDERED 03-07-05
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U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
LD	5,504,284	04/1996	Laxareth, et al.	200	50 R	
	5,504,290	04/1996	Baginski, et al.	200	401	
	5,510,761	04/1996	Boder, et al.	335	172	
	5,512,720	04/1996	Coudert, et al.	200	400	
	5,515,018	05/1996	DiMarco, et al.	325	16	

U.S. PATENT APPLICATION PUBLICATIONS

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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
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U.S. PATENT DOCUMENTS								
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
LD		5,519,561	05/1996	Mrenna, et al.	361	105		
		5,534,674	07/1996	Steffens	218	154		
		5,534,832	07/1996	Duchemin, et al.	335	16		
		5,534,835	07/1996	McDolloch, et al.	335	172		
		5,534,840	07/1996	Cuingnet	337	1		
U.S. PATENT APPLICATION PUBLICATIONS								
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
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May 12, 2004				2832			

U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
UN	5,543,595	08/1996	Mader, et al.	200	401		
	5,552,755	09/1996	Fello, et al.	335	18		
	5,581,219	12/1996	Nozawa, et al.	335	132		
	5,604,656	02/1997	Derrick, et al.	361	187		
	5,608,367	03/1997	Zeller, et al.	335	132		

U.S. PATENT APPLICATION PUBLICATIONS							
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U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
Lp	5,784,233	07/1998	Bastard, et al.	361	36		

U.S. PATENT APPLICATION PUBLICATIONS							
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